
NNN	NNN		CCCCCCCCCCCC	NNN	NNN	FFFFFFF
NNN	NNN		CCCCCCCCCCCC	NNN	NNN	FFFFFFF
NNN	NNN		CCCCCCCCCCCC	NNN	NNN	FFFFFFF
NNN	NNN		CCC	NNN	NNN	FFF
NNN	NNN		CCC	NNN	NNN	FFF
NNN	NNN		CCC	NNN	NNN	FFF
NNNNNN	NNN		CCC	NNNNNN	NNN	FFF
NNNNNN	NNN		CCC	NNNNNN	NNN	FFF
NNNNNN	NNN		CCC	NNNNNN	NNN	FFF
NNN NNN NNN	NNN		CCC	NNN NNN NNN	NNN	FFFFFFF
NNN NNN NNN	NNN		CCC	NNN NNN NNN	NNN	FFFFFFF
NNN NNN NNN	NNN		CCC	NNN NNN NNN	NNN	FFFFFFF
NNN NNNNNN	NNN		CCC	NNN NNNNNN	NNN	FFF
NNN NNNNNN	NNN		CCC	NNN NNNNNN	NNN	FFF
NNN NNNNNN	NNN		CCC	NNN NNNNNN	NNN	FFF
NNN NNN	NNN		CCC	NNN NNN	NNN	FFF
NNN NNN	NNN		CCC	NNN NNN	NNN	FFF
NNN NNN	NNN		CCC	NNN NNN	NNN	FFF
NNN NNN	NNN		CCCCCCCCCCCC	NNN	NNN	FFF
NNN NNN	NNN		CCCCCCCCCCCC	NNN	NNN	FFF
NNN NNN	NNN		CCCCCCCCCCCC	NNN	NNN	FFF

CCCCCCCC NN NN FFFFFFFF PBBBBB PRRRRRRR EEEEEEEE FFFFFFFF IIIII XX XX
CCCCCCCC NN NN FFFFFFFF PBBBBB PRRRRRRR EEEEEEEE FFFFFFFF IIIII XX XX
CC NN NN FF PP PP RR RR EE FF IIIII XX XX
CC NN NN FF PP PP RR RR EE FF IIIII XX XX
CC NNNN NN FF PP PP RR RR EE FF IIIII XX XX
CC NNNN NN FF PP PP RR RR EE FF IIIII XX XX
CC NN NN NN FFFFFF PBBBBB PRRRRRRR EEEEEEEE FFFFFFFF IIIII XX XX
CC NN NN NN FFFFFF PBBBBB PRRRRRRR EEEEEEEE FFFFFFFF IIIII XX XX
CC NN NNNN FF PP RR RR EE FF IIIII XX XX
CC NN NNNN FF PP RR RR EE FF IIIII XX XX
CC NN NN FF PP RR RR EE FF IIIII XX XX
CC NN NN FF PP RR RR EE FF IIIII XX XX
CC NN NN FF PP RR RR EE FF IIIII XX XX
CCCCCCCC NN NN FF PBBBBB RR RR EEEEEEEE FF IIIII XX XX
CCCCCCCC NN NN FF PBBBBB RR RR EEEEEEEE FF IIIII XX XX
.....

RRRRRRRR EEEEEEEE QQQQQQ
RRRRRRRR EEEEEEEE QQQQQQ
RR RR EE QQ QQ
RRRRRRRR EEEEEEEE QQ QQ
RRRRRRRR EEEEEEEE QQ QQ
RR RR EE QQ QQ QQ
RR RR EE QQ QQ QQ
RR RR EE QQ QQ QQ
RR RR EEEEEEEE QQQQ QQ
RR RR EEEEEEEE QQQQ QQ

Require file for CNF

Version: 'V04-000'

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FACILITY: CNF

ABSTRACT: The NICONFIG utility maintains a data base of the node
configuration on the Ethernet and returns information when
queried.

ENVIRONMENT: VAX native, user mode

AUTHOR: Bob Grosso

CREATION DATE: October 1982

MODIFIED BY:

Define useful macros

MACRO

Macro to generate a pointer to a counted string

CSTRING (STRING) = UPLIT BYTE (%CHARCOUNT (STRING), STRING)%,

Macro to describe a string

STRINGDESC (STRING) = %CHARCOUNT (STRING), UPLIT (%ASCII STRING)%,

Macro to generate a quadword string descriptor

DESCRIPTOR (STRING) = BBLOCK [DSC\$C_S_BLN] INITIAL (STRINGDESC (STRING))%,

Macro to generate a counted string

COUNTEDSTRING(STRING) = VECTOR [%CHARCOUNT (STRING)+1, BYTE] INITIAL (BYTE(%CHARCOUNT(STRING),%ASCII STRING))%,

Macro to execute a procedure and report any error

```
execute (command, errorcode) =
  BEGIN
  LOCAL
    status;
  status = command;
  IF NOT .status           ! If error detected.
  THEN
    %IF %LENGTH GTR 1      ! If errorcode arg is present
    %THEN
      SIGNAL (errorcode, %REMAINING, .status);
    %ELSE
      RETURN .status;      ! then return with error
    %FI
  END%;
```

Define VMS block structures

STRUCTURE

BBLOCK [O, P, S, E; N] =
 [N]
 (BBLOCK + O) <P, S, E>;

LITERAL

TRUE = 1; ! Boolean TRUE
 FALSE = 0; ! Boolean FALSE

0279 AH-BT13A-SE
VAX/VMS V4.0

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NICNF

CNFDEF
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CNFINTRPT
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CNFWQDEF
SOL

CNFPREFIX
REQ

CNFMSG
LIS